

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1404	370/333	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:28
L2	7086	370/331	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:28
L3	3785	370/332	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:28
L4	1575	370/334	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29
L5	420	370/545	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29
L6	329	370/543	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29
L7	7200	455/436	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29

## EAST Search History (Prior Art)

L8	2907		455/437	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29
L9	2181		455/439	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:29
L10	16369	L1 or L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:30
L11	640	(downsaml\$3).ab,ti.		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:30
L12	4		L10 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:30
L13	7	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 ((high\$2 adj3 ((rate) or (bit-rate)))) with (play\$3 adj3 rate)		US-PGPUB; USPAT	OR	OFF	2010/01/15 22:30
L14	1		L10 and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:30
L15	59	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (encod\$4 near3 (low\$2 adj3 ((bit adj rate) or (bit-rate))))		US-PGPUB; USPAT	OR	OFF	2010/01/15 22:31

## EAST Search History (Prior Art)

L16	0	L10 and L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:31
L17	2	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (encod\$4 near3 (low\$2 adj3 ((bit adj rate) or (bit-rate)))) with (high adj2 (speed or rate))	US-PGPUB; USPAT	OR	OFF	2010/01/15 22:31
L18	0	L10 and L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:31
L19	1258	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (low\$2 adj3 ((bit adj rate) or (bit-rate)))	US-PGPUB; USPAT	OR	OFF	2010/01/15 22:32
L20	30	L10 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:32
L21	6	retransmit\$4 near6 (lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/15 22:32
L22	5	L10 and L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:32
L23	5	((inquir\$3 or request\$3 or ask\$3 or petition\$3) near5 lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/15 22:32

## EAST Search History (Prior Art)

L24	4	L10 and L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 22:32
S1	3782	370/331	US-PGPUB; USPAT	OR	ON	2007/08/06 11:30
S2	116482	"370"/\$	US-PGPUB; USPAT	OR	ON	2007/01/20 19:12
S3	112103	"455"/\$	US-PGPUB; USPAT	OR	ON	2007/10/10 21:36
S4	0	(Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near5 (streaming near2 media) near5 request\$4 near5 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching))	US-PGPUB; USPAT	OR	ON	2007/01/20 19:35
S5	11	(Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near5 (media) near5 request\$4 near5 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching))	US-PGPUB; USPAT	OR	ON	2007/01/20 19:42
S6	1018	(Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near5 (voice or audio or data or video or vedio) near5 request\$4 near5 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching))	US-PGPUB; USPAT	OR	ON	2007/01/20 19:45
S7	600	(Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near3 (voice or audio or data or video or vedio) near4 request\$4 near4 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching))	US-PGPUB; USPAT	OR	ON	2007/01/20 22:16
S8	287	S7 and S2	US-PGPUB; USPAT	OR	ON	2007/01/20 19:44
S10	72	((Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near5 (voice or audio or data or video or vedio) near5 request\$4 near5 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching))) same (handoff or handover or (cell adj selection))	US-PGPUB; USPAT	OR	ON	2007/01/20 22:05
S12	2355	RTSP or (Real adj Time adj Streaming adj Protocol)	US-PGPUB; USPAT	OR	OFF	2007/01/20 22:22

# **EAST Search History (Prior Art)**

S13	610	(Ms or UE or MT or ((wireless or portable or mobile) adj (station or terminal or phone or telephone or device))) near3 (voice or audio or data or video or vedio) near4 request\$4 near4 (bs or ap or bsc or rnc or (base adj station) or msc or (mobile adj switching)))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:16
S14	0	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:17
S15	3782	370/331	US-PGPUB; USPAT	OR	ON	2007/01/20 22:17
S16	17	S12 and S15	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:17
S17	189	((data or voice or media or packet) near5 (retransmi\$4 or resen\$4)) same ((cell adj (selection or reselection)) or handoff or handover)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:19
S18	1	S17 and S16	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:20
S19	2	S17 and S12	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/01/20 22:20
S20	60	(RTSP or (Real adj Time adj Streaming adj Protocol)) same (retransmi\$5 or resen\$5)	US-PGPUB; USPAT	OR	OFF	2007/01/20 22:25
S21	1	(RTSP or (Real adj Time adj Streaming adj Protocol)) same (retransmi\$5 or resen\$5) same (handoff or handover or (cell adj reselection))	US-PGPUB; USPAT	OR	OFF	2007/01/20 22:23
S22	17	(RTSP or (Real adj Time adj Streaming adj Protocol)) same (retransmi\$5 or resen\$5)	US-PGPUB; USPAT	OR	OFF	2007/01/20 22:25
S23	185	((detect\$4 discover\$4) near ((cell near (select\$4 or reselect\$4)) or (handover or handoff))) and (request\$4 near4 (bs or ap (base adj station) or (access adj point))))	US-PGPUB; USPAT	OR	ON	2007/08/06 11:27
S24	126772	"370"/\$	US-PGPUB; USPAT	OR	ON	2007/08/06 11:26
S25	121794	"455"/\$	US-PGPUB; USPAT	OR	ON	2007/08/06 11:26

## EAST Search History (Prior Art)

S26	136	S23 and S25	US-PGPUB; USPAT	OR	ON	2007/08/06 11:27
S27	121843	S23 or S25	US-PGPUB; USPAT	OR	ON	2007/08/06 11:27
S28	185	S23 and S27	US-PGPUB; USPAT	OR	ON	2007/08/06 11:27
S29	27	((detect\$4 discover\$4) near ((cell near (select\$4 or reselect\$4)) or (handover or handoff))) same (request\$4 near4 (bs or ap (base adj station) or (access adj point)))	US-PGPUB; USPAT	OR	ON	2007/08/06 11:27
S30	4308	370/331	US-PGPUB; USPAT	OR	ON	2007/08/06 11:30
S31	53	S30 and S23	US-PGPUB; USPAT	OR	ON	2007/08/06 11:30
S32	2	"20030002460"	US-PGPUB; USPAT	OR	ON	2007/10/10 21:36
S33	2	"20030009576"	US-PGPUB; USPAT	OR	OFF	2007/10/11 17:30
S34	162	(after or response) near3 (handover or handoff or (hand adj (over or off)) or (cell near reselect\$4)) near5 (request\$4 or ask\$4) near5 (transmit\$4 or send\$4 or retransmit\$4 or resend\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/11 17:59
S35	221	((after or response) near5 (handover or handoff or (hand adj (over or off)) or (cell near reselect\$4))) near5 (transmit\$4 or send\$4 or retransmit\$4 or resend\$4) near7 (lost data or datum or bits or information)	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:01
S36	0	((after or response) near5 (handover or handoff or (hand adj (over or off)) or (cell near reselect\$4))) near5 (transmit\$4 or send\$4 or retransmit\$4 or resend\$4) near7 (lost near (data or datum or bits or information))	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:01
S37	220	((after or response) near5 (handover or handoff or (hand adj (over or off)) or (cell near reselect\$4))) near5 (transmit\$4 or send\$4 or retransmit\$4 or resend\$4) near7 (data or datum or bits or information)	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:04
S38	26	((after or response) near5 (handover or handoff or (hand adj (over or off)) or (cell near reselect\$4))) near5 (request\$4) near5 (transmit\$4 or send\$4 or retransmit\$4 or resend\$4) near7 (data or datum or bits or information)	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:02
S39	195	S37 not S38	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:05
S40	0	S39 not S35	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:05

## EAST Search History (Prior Art)

S41	179	S39 not S34	US-PGPUB; USPAT	OR	OFF	2007/10/11 18:05
S42	3	((handoff or handover or (hand adj (off or over))) near10 (GPRS near10 (third adj generation)))	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:19
S43	4	((handoff or handover or (hand adj (off or over))) near15 (GPRS near15 (third adj generation)))	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:20
S44	4	((cell adj select\$3) or handoff or handover or (hand adj (off or over))) near20 (GPRS near15 (third adj generation)))	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:22
S45	4	((cell adj select\$3) or handoff or handover or (hand adj (off or over))) near20 ((GPRS or (general adj packet adj radio adj service)) near15 (third adj generation)))	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:23
S46	3766084	(third adj generation mobile communication system)	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:24
S47	32541	(third adj generation mobile adj communication adj system)	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:24
S48	504	(third adj generation adj mobile adj communication adj system)	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:24
S49	504	(third adj generation adj mobile adj communication adj system)"ab,ti."	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:25
S50	0	(third adj generation adj mobile adj communication adj system) and wcdma	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:25
S51	66	(third adj generation adj mobile adj communication adj system) and cdma2000	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:25
S52	66	((cell adj select\$3) or handoff or handover or (hand adj (off or over))) near20 ((GPRS or (general adj packet adj radio adj service)) near15 (UMTS or CDMA2000))	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:26
S53	5392	370/331	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:42
S54	26	S53 and S48	US-PGPUB; USPAT	OR	OFF	2008/08/18 09:42
S55	0	"2002141740"	US-PGPUB; USPAT	OR	ON	2009/05/07 17:19
S56	2	"2002141740"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 17:19

# EAST Search History (Prior Art)

S57	0	GB0105246	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 17:25
S58	1	"PCT/GB01/05246"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 17:25
S59	1	"20040071088"	US-PGPUB; USPAT	OR	OFF	2009/05/07 17:28
S60	0	"2002141740"	US-PGPUB; USPAT	OR	OFF	2009/05/09 17:23
S61	2	"2002141740"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 17:23
S62	0	(request\$3 adj3 lost adj2 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:12
S63	4	(request\$3 near5 lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:12
S64	4	((inquir\$3 or request\$3 or ask\$3 or petition\$3) near5 lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:14
S65	0	(lost near5 (stream\$3 adj media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:15



# EAST Search History (Prior Art)

S66	166	(lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:15
S67	5	retransmit\$4 near6 (lost near5 (data or media)) near10 (handoff or handover or (hand adj off) or (hand adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/09 20:15
S68	12516	low\$2 adj3 ((bit adj rate) or (bit-rate))	US-PGPUB; USPAT	OR	OFF	2010/01/13 13:58
S69	1257	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (low\$2 adj3 ((bit adj rate) or (bit-rate)))	US-PGPUB; USPAT	OR	OFF	2010/01/13 13:59
S70	59	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (encod\$4 near3 (low\$2 adj3 ((bit adj rate) or (bit-rate))))	US-PGPUB; USPAT	OR	OFF	2010/01/13 14:00
S71	2	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 (encod\$4 near3 (low\$2 adj3 ((bit adj rate) or (bit-rate)))) with (high adj2 (speed or rate))	US-PGPUB; USPAT	OR	OFF	2010/01/13 14:20
S72	7	(request\$3 or transmit\$4 or send\$3 or receiv\$3) adj5 ((high\$2 adj3 ((rate) or (bit-rate)))) with (play\$3 adj3 rate)	US-PGPUB; USPAT	OR	OFF	2010/01/13 14:22
S73	640	(downsaml\$3).ab.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 14:52
S74	179417	"370"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 14:52
S75	28	S73 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 14:52

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	1312	370/333	USPAT; UPAD	OR	ON	2010/01/15 22:33
L26	5512	370/331	USPAT; UPAD	OR	ON	2010/01/15 22:33
L27	3387	370/332	USPAT; UPAD	OR	ON	2010/01/15 22:33
L28	1426	370/334	USPAT; UPAD	OR	ON	2010/01/15 22:33
L29	406	370/545	USPAT; UPAD	OR	ON	2010/01/15 22:33
L30	328	370/543	USPAT; UPAD	OR	ON	2010/01/15 22:33
L31	5644	455/436	USPAT; UPAD	OR	ON	2010/01/15 22:33
L32	2677	455/437	USPAT; UPAD	OR	ON	2010/01/15 22:33
L33	2012	455/439	USPAT; UPAD	OR	ON	2010/01/15 22:34
L34	12669	L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32 or L33	USPAT; UPAD	OR	ON	2010/01/15 22:34
L36	0	L34 and ((request\$3 or transmit\$4 or send\$3 or receive\$3) adj5 ((high\$2 adj3 ((rate) or (bit-rate)))) with (play\$3 adj3 rate)).clm.	USPAT; UPAD	OR	OFF	2010/01/15 22:35
L37	0	L34 and ((request\$3 or transmit\$4 or send\$3 or receive\$3) adj5 ((high\$2 adj3 ((rate) or (bit-rate)))) with (play\$3 adj3 rate)).clm.	USPAT; UPAD	OR	OFF	2010/01/15 22:36
L38	0	L34 and ((request\$3 or transmit\$4 or send\$3 or receive\$3) adj5 (low\$2 adj3 ((bit adj rate) or (bit-rate))))).ab.ti.	USPAT; UPAD	OR	OFF	2010/01/15 22:37
L39	0	L34 and (request\$3 send\$3 lower bit rate streaming media encoded with bit rate lower than original bit rate).ab.ti.	USPAT; UPAD	NEAR	OFF	2010/01/15 22:39
L40	0	L34 and (request\$3 switch send\$3 lower bit rate streaming media encoded with bit rate lower than original bit rate).ab.ti.	USPAT; UPAD	NEAR	OFF	2010/01/15 22:39
L41	0	L34 and (request\$3 switch send\$3 lower bit rate streaming media encoded with bit rate lower than original bit rate).ab.ti.	USPAT; UPAD	ADJ	OFF	2010/01/15 22:39
L42	0	L34 and (request\$3 with speed with transmission with lower bit rate).ab.ti.	USPAT; UPAD	ADJ	OFF	2010/01/15 22:40